ontents	Reference to last Measuremer
7	8

BR-32

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184026

30-4-15

al No. RLO: 27/4/15

e of work Improvements of Road and drains in Amrithamanjan 'B' Sector main Roads in Ward no 7 Byatarayanapura

e of Contractor or nature of Agency

of commencement of work Est Cost Rs 50.00 Lakhs

e	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	JOB NO : 007-15-000057						
	AS NO: Addl Com (Y) AS NO: 737/13-14						
	TS NO: EE/ BTP/TS NO/244/13-14.						
	Agency: Sri Sambashiva. Contractor						
	Work order NO: EE/ BTP/W.O/359/14-15						
	Agg NO: EE/BTP/E-PMT/W.O/359/14-15						
1	Removing of B.S. slab and stacking.						
	Qty Recorded in this MB vide p.NO 184065						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty = 2115.30 Sq mtr @ Rs 58.32 Sq m					Rs 1,23,364=00	
	2) Rexing of stone slab drains and pointing in CM 1:3.						
	Amruthahalli main Road	2	7×30	1.65	—	693.00	
		2	22.5×1	1.65	—	74.25	
	Cross Road	2	30.0	1.65	—	99.00	
		2	18.50	1.65	—	61.05	
	Cross Road	2	30.0	1.65	—	99.00	
		2	17.50	1.65	—	57.75	
	2nd main Road	2	6×30	1.65	—	594.00	
		2	12.50	1.65	—	41.25	

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me of Contractor of nature of Agency.....
e of commencement of work.....

te	Full description, etc, of work
	2
	Cross Road
	Qty limited to 2122.56
	3) providing granite
	and Rexing in CM 1: 6
	2nd main Road
	Qty limit to 5

	Reference to last Measuremer 8
	23,364=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184027

al No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency.....
e of commencement of work.....

e	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cross Road	2	4×30	1.65	—	396.00	
					TOTAL	2115.30 Sqm	
	Qty limited to 2122.58 Sq m. @ Rs 75.60/Sq mt					Rs	159917=00
3)	providing granite slab of Selected Quality dressed						
	and Fixing in CM 1:6.						
	2nd main Road	2	6×30	1.65	—	594.00	
	Qty limit to 530.64 Sqm @ Rs 639.36/Sqm					Rs	3,39,270=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Earth work Excavation by Manualy in ordinary Soil involving an Avg Horizontal through up to 2m Average lift etc complete. Qty Recorded in this MB vide P.NO 184066. Qty = 281.34 Cmts limit to 28 @ Rs 75.60/Cmt					Rs 21,269=00	
	5) Scarifying the Existing Gravelon Road Surface to a depth of 50 mm and disposal of scarified materials with all lead lift etc complete as per Specifications						

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te	Full description, etc, of work
	2
	Qty Recorded in this Qty = 6448.45 @ Rs 18. 6) Completion of origin of LOT power Road depression including Qty is same as abo limit to 6432.00 S

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Depth 6	Contents 7	Reference to last Measureme 8
i ordinary rough up to 184066.		
	Rs 2269=00	
ood Surface d Levelled mpete as		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184028

al No. .....
ne of work ..... From ..... To .....
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e of commencement of work.....

te	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty recorded in this MB vide p.No 184068 Qty = 6448.45 Cmtr limit to 6432.00 Cmtr @Rs 18.38/Sqm					Rs	1,18,092=00
	6) Compaction of original Ground with Maximum of 6 to 8 pass of 10T power Road Roller including Rolling in depression including Cost of all Materials and labour Qty is same as item No (5) Qty 6448.45 Sqm limit to 6432.00 Sqm @Rs 4.48/Sqm					Rs	28815=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) providing laying Spreading and compacting Stone Agg to wet Mix Macadam Specifications including premixing the Materials and labour etc complete as per Specification						
	Qty recorded in this MB vide P.No 18407)						
	~~Qty~~ 1289.69 Cmts limited to 1286.40 Cmts						
	@ ₹ 1438.56/Cmt					₹ 18,50,564=00	
	8) providing and applying the primer coat with bitumen Emulsion on prepared Surface including cleaning of Road Surface etc complete						

ial No. .....
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e of commencement of work.....

te	Full description, etc, of work	
	2	
	as per Specifications	
	Qty is same as item no	
		@
	7) providing and laying	
	batch type HMP on Agg	
	aggregate of Specified	
	of 4.75 to 5%. Transporti	
	finish etc complete as	

BOOK

s		Contents	Reference to last Measureme
adth 5	Depth 6	7	8
ard comparing pecifications and labour en. no 18407) 286.40 Cub inar coat with ntaw including complete			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184029

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...e of commencement of work.....

te	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	As per Specifications 1) Qty is same as item no (6) . Qty = 6432.00 Sq mt @ Rs 38.09/Sq mt					Rs 244609=00	
	7) providing and laying SDBC of 25 mm thick with 100/120 batch type HMP on Any up to 75 Tons/hr using Crushing aggregate of Specified Grading with Bitumen binder @ 4.5% to 5%. Transporting by using Hydraulic power finish & complete as per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Amruth ahatgar Main Road	1	30.0	$\frac{6.9+6.5}{2}$	0.025	4.84 cum	
		1	30.0	$\frac{6.5+6.6}{2}$	0.025	4.91	
		1	30.0	$\frac{6.6+6.4}{2}$	0.025	4.88	
		1	30.0	$\frac{6.4+6.50}{2}$	0.025	4.84	
		1	30.0	$\frac{6.5+6.40}{2}$	0.025	4.84	
		1	30.0	$\frac{6.4+6.60}{2}$	0.025	4.88	
		1	30.0	$\frac{6.6+6.5}{2}$	0.025	4.91	
		1	22.50	$\frac{6.5+6.4}{2}$	0.025	3.68	
	8th Cross Road	1	30.0	$\frac{5+5.2}{2}$	0.025	3.83	

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te	Full description, etc, of work	Numb
	2	3
	cross Roads	1
		1
		1
	2nd Main Road	1
		1
		1
		1

OOK

dth	Depth 6	Contents 7	Reference to last Measureme 8
+6.5	0.025	4.84 cubs	
6	0.025	4.91	
4	0.025	4.88	
50	0.025	4.04	
40	0.025	4.84	
60	0.025	4.88	
5	0.025	4.91	
-6.6	0.025	3.68	
5.2	0.025	3.83	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184030

al No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency.....
e of commencement of work.....

te	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cross Roads	1	30.0	$\frac{5.2+5.3}{2}$	0.025	3.74 cubs	
		1	30.0	$\frac{5.7+5.0}{2}$	0.025	3.98	
	2nd Main Road	1	17.50	$\frac{5.2+4.9}{2}$	0.025	2.21	
		1	30.0	$\frac{6.9+6.80}{2}$	0.025	5.14	
		1	30.0	$\frac{6.8+6.4}{2}$	0.025	4.94	
		1	30.0	$\frac{6.4+6.80}{2}$	0.025	4.95	
		1	30.0	$\frac{6.8+6.70}{2}$	0.025	5.06	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd Main Road	1	30.0	$\frac{6.7+6.2}{2}$	0.025	4.84	
		1	30.0	$\frac{6.6+6.1}{2}$	0.025	4.76	
		1	12.50	$\frac{6.1+5.6}{2}$	0.025	1.83	
		1	30.0	$\frac{6.3+6.4}{2}$	0.025	4.76	
		1	30.0	$\frac{6.6+7.4}{2}$	0.025	5.18	
		1	30.0	$\frac{7.4+6.8}{2}$	0.025	5.33	
		1	30.0	$\frac{6.8+6.50}{2}$	0.025	4.93	
		1	30.0	$\frac{6.5+6.4}{2}$	0.025	4.84	
		1	30.0	$\frac{6.4+6.2}{2}$	0.025	4.73	

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te	Full description, etc, of work
	2
	police station Road

	Contents 7	Reference to last Measureme 8
025	4.84	
25	4.76	
25	1.83	
025	4.76	
025	5.18	
025	5.33	
025	4.93	
0.025	4.84	
0.025	4.73	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184031

...al No. .....
...me of work ..... From ..... To .....
...me of Contractor of nature of Agency.....
...e of commencement of work.....

le	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	police station Road	1	17.0	$\frac{6.2+6.40}{2}$	0.025	2.68 cmb	
		1	30.0	$\frac{9.0+8.3}{2}$	0.025	6.33	
		1	30.0	$\frac{8.3+6.70}{2}$	0.025	5.63	
		1	14.0	$\frac{6.7+6.40}{2}$	0.025	2.26	
		1	27.5	$\frac{7.4+7.2}{2}$	0.025	5.02	
		1	28.0	$\frac{6.7+7.0}{2}$	0.025	4.80	
		1	30.0	$\frac{6.9+6.0}{2}$	0.025	4.84	
		1	30.0	$\frac{6+5.9}{2}$	0.025	4.46	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	$\frac{5.9+6.2}{2}$	0.025	4.540 MT	
		1	30.0	$\frac{5.9+6.2}{2}$	0.025	4.54	
		1	24.0	$\frac{5.9+4.9}{2}$	0.025	3.24	
					Totally	161.24 MT	
	Qty limited to 160.80 cum @ Rs 8898.12/cum					Rs 14,30,818=00	
	10) Road Marking with hot applied thermoplast compound with Reflecting Glass beads on Bituminous Surface providing and laying with 2.5 mm thick including etc complete as per Specifications						

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te	Full description, etc, of work
	2
	Amordhavayar Main Road
	Cross Road
	Cross Road
	2nd Main Road

T BOOK

sions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
9+6.2 / 2	0.025	4.54 Cut	
9+6.2 / 2	0.025	4.54	
9+4.9 / 2	0.025	3.24	
	Totally	161.21 Cut	
		Rs 14,30,818=00	
Thermoplast			
oads on Bituminous			
with 2.5 mm thick			
pplications			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184032

al No. .....
ne of work ..... From ..... To .....
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e of commencement of work.....

te	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Amrudhanagar Main Road	2	30×7	0.10	–	42.00 Cut	
		2	22.50	0.10	–	4.50	
	Cross Road	2	30.0	0.10	–	6.0	
		2	18.50	0.10	–	3.70	
	Cross Road	2	30.0	0.10	–	6.0	
		2	17.50	0.10	–	3.50	
	2nd Main Road	2	6×30	0.10	–	36.00	
		2	12.5	0.10	–	2.50	
		2	4×30	0.10	–	24.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	74.0	0.10	—	14.80	
					Totally	143.00 Sqm	
	@ Rs 475.20/sqm					Rs 67,954=00	
11)	Earth work Excavation for foundation of Building culverts water supply and Sanitory lines and Electrical Conduits cillies in pits or in trench etc complete as per Specifications.						
	Qty Recorded in this MB vide p.No 184071						
	Qty = 78.41 cmt	divided to 77.76 cmt					
	@ Rs 176.04/cmt					Rs 13,689=06	

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te	Full description, etc, of w
	2
12)	providing pcc of and down size of thins etc complete Qty Record Qty = 13.07
13)	providing and Foundation with C. not less than 20cm

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
0	0.10	—	14.80	
		Totally	1403.00 Sqm	
			Rs 67,954=00	
		of Building cultures		
		and Electrical Conduits		
		complete as per Specifi-		
		vide p.no 184071		
		to 77.75 cmt		
			Rs 13,689=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184033

al No. .....
ne of work ..... From ..... To .....
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e of commencement of work.....

te	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2)	providing pcc of Mix M-10 with opc Cement @ 220 kg/ 40 mm and down size graded granite Metal C. Aggregate @ 15 cm thick etc complete as per Specification						
	Qty Recorded in this MB vide P.no 184072						
	Qty = 13.07 Cmt	limited to 12.96 Cmt. @ Rs 5064.12/ Cmt				Rs 65631=00	
3)	providing and Constructing granite Coping Jelly 8:1 M Foundation with C.M 1:6 Stone Hammered dressed in Course not less than 20 cm thick etc complete as per Specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CD_1	2	8.0	0.45	0.80	5.76 cmt	
	CD_2	2	8.10	0.45	0.80	5.83	
	CD_3	2	8.20	0.45	0.80	5.90	
	CD_4	2	8.10	0.45	0.80	5.83	
	CD_5	2	8.10	0.45	0.80	5.83	
	CD_6	2	7.90	0.45	0.80	5.69	
					Totally	34.85 cm	
	limited to 34.56 cmt @ Rs 3830.16/cmt					Rs 132578=00	
14)	providing and Removing Centering Shuttering propping						
	& Complete as per Specification						

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ate	Full description, etc, of work	Numb
	2	3
	CD_1	2
		2
	CD_2	2
		2
	CD_3	2
		2
	CD_4	2
		2
	CD_5	2

EMENT BOOK

Dimensions			Contents	Reference to last Measurem
Length 4	Breadth 5	Depth 6	7	8
8.0	0.45	0.80	5.76 cum	
8.10	0.45	0.80	5.83	
8.20	0.45	0.80	5.90	
8.10	0.45	0.80	5.83	
8.10	0.45	0.80	5.83	
7.90	0.45	0.80	5.69	
		Totally	34.85 cum	
3830.16/cum			Rs 132578=00	
Shoring	Shuttering	propping		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184034

al No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency.....
of commencement of work.....

	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CD_1	2	8.0	—	0.30	4.80 Sq	
		2	2.0	—	0.30	1.2	
	CD_2	2	8.10	—	0.30	4.86	
		2	2.0	—	0.30	1.20	
	CD_3	2	8.20	—	0.30	4.92	
		2	2.0	—	0.30	1.20	
	CD_4	2	8.10	—	0.30	4.86	
		2	2.0	—	0.30	1.20	
	CD_5	2	8.10	—	0.30	4.86	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	2.0	—	0.20	1.20 Sq	
	CD6	2	7.90	—	0.20	4.74	
		2	2.0	—	0.3	1.20	
	Vents	6	8.0	—	0.60	28.80	
					Totally	65.04 Sq	
	limited to 50.33 Sqm	@Rs 236.52/Sqm				Rs 11,904=00	
15)	providing and laying C.C using 20mm and down Size Jelly & Rbec for Ree works laid in 15cms thick layer and well compacted excluding vibrating Curing etc Complete as per Specifications						

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te	Full description, etc, of work
	2
	CD1
	CD2
	CD3
	CD4
	CD5
	CD6

MCAFC
Ryali 27/04
Qty limited to

NT BOOK

ensions			Contents	Reference to last Measurem
	Breadth 5	Depth 6	7	8
	–	0.20	1.20 Sq	
	–	0.30	4.74	
	–	0.3	1.20	
	–	0.60	28.80	
		Totally	65.04 Sq	
238.52/Sqm			Rs 11,904=00	
ing 20mm and down				
id in 15cms thick layer				
ibrating Curing etc				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184035

al No. .....

e of work ..... From ..... To .....

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of commencement of work .....

	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CD_1	1	8.0	2.0	0.20	3.68 Cmb	
	CD_2	1	8.10	2.0	0.23	3.73	
	CD_3	1	8.20	2.0	0.23	3.77	
	CD_4	1	8.10	2.0	0.23	3.73	
	CD_5	1	8.10	2.0	0.23	3.73	
	CD_6	1	7.90	2.0	0.23	3.63	
					Totally	22.26 Cmb	
MC&EC Rygd 27/04	Qty limited to	19.87 Cmb	@Rs	5847.12/cmb		Rs 11,618.2=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	16) providing TMT steel Reinforcement for Ree comes including straightening cutting bending hooking placing etc Complete as per specification						
	Qty Recorded in this MB vide p. no 184074.						
	Qty = 19.82 Quintals limit to 1.98 Tons @Rs 78,351.84 / Tons					Rs 1,55,137=00	
	17) providing Ruled pointing to Coarse Stone Masonry with C/M 1:3. 20mm deep after Raking Joints to depth of 15cms etc complete as per specifications						

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te	Full description, etc, of
	2
	MC & PC
	limit to
	(8) Lead disposal

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Depth 6	Contents 7	Reference to last Measurem 8
mes including		
aving etc		
184074.		
Taxes		
	R 1,55,137=00	
Stone Masonry		
Joints to		
fixtures		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184036

al No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
MC&PC by all rates	CD_1 2	8.0	—	0.75	12.00 Sqm	
	CD_2 2	8.10	—	0.75	12.15	
	CD_3 2	8.20	—	0.75	12.30	
	CD_4 2	8.10	—	0.75	12.15	
	CD_5 2	8.10	—	0.75	12.15	
	CD_6 2	7.90	—	0.75	11.85	
			Totally		72.60 Sqm	
limit to 28.50 Sqm @ R 92.88/Sqm					R	2675=00
g) Lead disposal of Debris shall be payable at Carriage						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Rates by Mechanical Means including loading and unloading etc complete as per Specifications						
	Qty is same as item no (4) . = 281.34 cmts						
	@ Rs 72.71/ cmts					Rs 20,456=00	
						Totally 4,90,2924=00	
	Certificate (1) Certified that the above said work completed satisfactorily						
	(2) work done with in the BBMP limit						
	(3) No Pebbles at worthy place and Removed						
	JE						
	J.W7.						
	27/4/15						

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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ne of work .....
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e of commencement of work.....

te	Full description, etc, of work
	2
	Audited & Admitted to Rs 4526964/- and Rs 375574/-

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
cluding loading and per Specifications . = 281.34 Cmts			Rs 20,456=00 Totally 4,90,292/4=00 490253/38=	
above said work completed satisfactorily				
th, in the BTMP limit working place and Removed				
JE J.W7.				

27/4/15

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184037

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e of work ..... From ..... To .....
e of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Audited & Admitted to Rs 4526964/- and Rs 375574/- By Abstract Accts Supdt Bbmr	490 2538			IT - 4902/5 VAT - 19602 LWF - 4902/5 CBF - 4903 Roy - 765/9 Total - 375574/-		